PROP. CURVE 74220
PI STA. = 7+93.81
Δ = 17° 37′ 36″ (LT)
D = 16° 22′ 13″
R = 350.00′
T = 54.27′
L = 107.68′
E = 4.18′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 7+39.54
P.T. STA = 8+47.22

STA 386+88
PR PIPE CULVERT CL A, TY 1 24″, L = 75′
W/ CULVERT END SECTIONS, 32.20′ RT TO 42.20′ LT
USFL= 762.55; DSFL= 762.18
SLOPE= 0.50%; SKEW= 0.0°

6′ AGG SHLD, TY A
INLET FOR C&G TY B-6.24
COMB CC&G TY B-6.24
INLET FOR C&G TY B-6.24
6′ AGG SHLD, TY A
INLET FOR C&G TY B-6.24
COMB CC&G TY B-6.24
COMB CC&G TY B-6.18
6′ AGG SHLD, TY A
CONTRACTORS DRIVE
PT Sta 8+47.22
STA 9+01.50
5″ HMA
8″ PCC
PR ROW
CONST LIMITS
EX ROW
SIGN
+72.49
+06.97
BIT AGG
CE
COMB CC&G TY B-6.24
COMB CC&G TY B-6.12
CONC MED, TY SB
110°
390+00
+10+00
391
±65.00
36′
31′
31′
386
FOREST HILLS ROAD
387
388
389
3.5′W x 5′H BOX
AGG
24″ RCP
STA 389+88.05 ℄ FOREST HILL ROAD =
STA 10+00 ℄ CONTRACTORS DRIVE/KRASSE DR.
DETECTABLE WARNINGS
COMB CC&G TY B-6.24
COMB CC&G TY B-6.18
PCC SIDEWALK, 5″
PC Sta 11+25.80
STA 11+38.79
8″ PCC
5″ HMA
24′
12′
KRASSE DR.
MATCH LINE STA 385+50
MATCH LINE STA 391+50

STA 386+88

DRAINAGE AREA = 14.0		ACRES		
EXISTING LOW GRADE ELEVATION:	766.70	FT. @	389+50	
PROPOSED LOW GRADE ELEVATION:	766.70	FT. @	389+50	

FLOOD	FREQUENCY YEAR	DISCHARGE CFS	HEADWATER ELEV. (FT) EXISTING	PROPOSED
TEN-YEAR	10	12	762.82	764.43
DESIGN	50	16	763.05	764.81
BASE	100	19	763.20	765.19
MAX CALC	500	26	763.55	766.41

10-YEAR VELOCITY THROUGH EXISTING CULVERT= 5.2 FPS
10-YEAR VELOCITY THROUGH PROPOSED CULVERT= 5.8 FPS

0 50′ 100′ — 1″= 20′

FILE NAME = ...\cadd sheets\Z00793PLN32.dgn	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
		DRAWN - RMH	REVISED -
THE UPCHURCH GROUP, INC.	PLOT SCALE = 40.0000 ′ / IN.	CHECKED - RLH	REVISED -
	PLOT DATE = 5/3/2013 8:57:12 AM	DATE - APRIL 30, 2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS
FOREST HILLS ROAD

SCALE: 1″=20′ | SHEET NO. OF SHEETS | STA. 385+50 | TO STA. 391+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	177
		CONTRACT NO. 64988		
		ILLINOIS FED. AID PROJECT		